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PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : James M. Musser et al.
Serial No.: 08/160,965
Filed : December 2, 1993
Title : STREPTOCOCCUS PYOGENES VACCINE

Art Unit: Unknown
Examiner: UNKNOWN ATTENTION DIVISION

Commissioner of Patents and Trademarks
Washington, DC 20231

TRANSMITTAL

Dear Sir:

Responsive to the Notice to Comply with Sequence Rules
37 CFR §1.821-1.825, the following documents are submitted
herewith:

1. Petition for Extension of Time
2. Response to Notice to Comply with Requirements for Patent Applications containing Nucleotide and/or Amino Acid Sequence
3. Sequence Listing (5 pages)
4. Statement Under 37 CFR §1.821(f)
5. Copy of the Notice to File Missing Parts of Application and Notice to Comply with Requirements for Patent Applications containing Nucleotide and/or Amino Acid Sequence
6. Sequence Listing on diskette in computer-readable form as required by 37 CFR §1.824
7. Preliminary Amendment

"EXPRESS MAIL" Mailing Label Number IB 785912576 US

Date of Deposit April 8, 1994
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

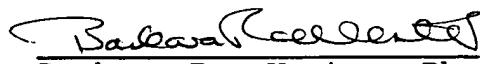
Susan C. Linzmeier

If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned at (415) 854-5277.

Please charge any fees, or make any credits, to Deposit Account No. 06-1050.

Respectfully submitted,

Date: April 8, 1994


Barbara Rae-Venter, Ph.D.
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